

## Duplex Gauges Type 1038, 1339 ASME B 40.1 Grade A ( $\pm 2-1-2\%$ of span)

- 3½" and 4½" dial sizes
- Bronze Bourdon tube and brass sockets
- Two independant systems and movements
- Nonadjustable red and black pointers

The Ashcroft® Type 1038 duplex gauge is used to display two separate input pressures on the same gauge for comparison purposes.



STANDARD RANGES		
Type 1038/1339		
Pressure (psi)		
Range	Figure Interval	Minor Graduation
0/30	5	0.5
0/60	5	1
0/100	10	1
0/160	20	2
0/200	20	2
0/300	30	5
0/600	50	10
0/800	100	10
0/1000	100	10

Type 1038/1339 Compound				
Range	Figure Interval		Minor Graduation	
	Inches Mercury	psi	Inches Mercury	psi
30 in.Hg/15 psi	5	3	1	0.5
30 in.Hg/30 psi	10	5	1	0.5
30 in.Hg/60 psi	10	10	1	1
30 in.Hg/100 psi	10	10	1	1
30 in.Hg/150 psi	10	20	2	2
30 in.Hg/300 psi	30	25	5	5

CASE TYPE								
Gauge Type Number	Dial Size (inches)	Case & Ring Material Finish	Bourdon Tube & Tip Material	Socket Material	Pressure Range (psi)	Pointer	Movement	NPT Conn.
DUPLEX 1038A	3½, 4½	Case: 3½", 4½" aluminum Ring: Threaded aluminum All black epoxy coated	Phosphor Bronze Tip: Brass (all joints silver brazed, soldered below 100 psi)	Brass	30/1000	Non Adjustable Black and Red	Bronze-bushed	¼
DUPLEX 1339A	4½	Case: Aluminum Ring: Hinged Aluminum All black epoxy coated	Phosphor Bronze Tip: Brass (all joints silver brazed soldered below 100 psi)	Brass	30/1000	Non Adjustable Black and Red	Bronze-bushed	¼ Back Conn. only

CASE TYPE								
RANGE		DIAL GRADUATIONS		RANGE		DIAL GRADUATIONS		Outer Range When Dual Range Specified psi
kg/cm²	bar	Figure Interval	Minor Graduation	kPa (kilopascal)	Figure Interval	Minor Graduation		
<b>Pressure</b>				0/250	50	5	0/35	
0/2.5	0/2.5	0.5	0.05	0/400	50	5	0/55	
0/4	0/4	0.5	0.05	0/400	50	5	0/85	
0/6	0/6	0.5	0.05	0/1000	100	10	0/140	
0/10	0/10	1	0.1	0/1600	200	20	0/220	
0/16	0/16	2	0.2	0/2500	500	50	0/350	
0/25	0/25	5	0.5	0/4000	500	50	0/550	
0/40	0/40	5	0.5	0/6000	500	100	0/850	
0/60	0/60	5	1					
<b>Compound</b>				-100/150	50	5	30"Hg/20	
-1/1.5	-1/0/1.5	0.5	0.05	-100/300	50	5	30"Hg/40	
-1/3	-1/0/3	0.5	0.05	-100/500	50	10	30"Hg/70	
-1/5	-1/0/5	0.5	0.1	-100/900	100	10	30"Hg/125	
-1/9	-1/0/9	1	0.1	-100/1500	200	20	30"Hg/215	
-1/15	-1/0/15	1	0.1	-100/2400	500	20	30"Hg/340	
-1/24	-1/0/24	2	0.2					

**TO ORDER THIS 1038, 1339 DUPLEX GAUGES:**

Select: \_\_\_\_\_ 45 \_\_\_\_\_ 1038 \_\_\_\_\_ A \_\_\_\_\_ 02L \_\_\_\_\_ XXX \_\_\_\_\_ 1000#

- Dial size—3½" and 4½" \_\_\_\_\_
- Case type—1038, 1339 \_\_\_\_\_
- Tube and socket material \_\_\_\_\_
- Connection size—¼ (02) \_\_\_\_\_
- Connection location—Lower (L), Back (B) \_\_\_\_\_
- Optional features—see page 176 \_\_\_\_\_
- Standard pressure range—1000 psi \_\_\_\_\_